



Docket No.: 10473-784

*2/10/03*  
**PATENT** 10/8/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Application of

Dennis G. THIBEDEAU, et al.

Serial No.: 09/888,385

Group Art Unit: 2858

Filed: June 26, 2001

Examiner: HE, Amy

For: **ALTERNATOR TESTING METHOD AND SYSTEM USING RIPPLE DETECTION**

**AMENDMENT**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The following amendment and remarks are submitted in response to the Official Action mailed July 31, 2002.

**IN THE ABSTRACT**

Please amend the abstract as follows:

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A method and system for evaluating the operation of an alternator based on a frequency component in the alternator output signal. The method detects a frequency component of the alternator output signal, and compares the frequency component of the alternator output signal with a threshold frequency. The operation of the alternator is evaluated based on a result of the comparison. If the frequency component of the alternator output signal is lower than the threshold frequency, the alternator is determined as defective. The frequency component can be obtained by comparing the alternator

*f*

**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE**

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**Expires: June 24, 2003**

  
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Harry I. Moatz  
Director of Enrollment and Discipline